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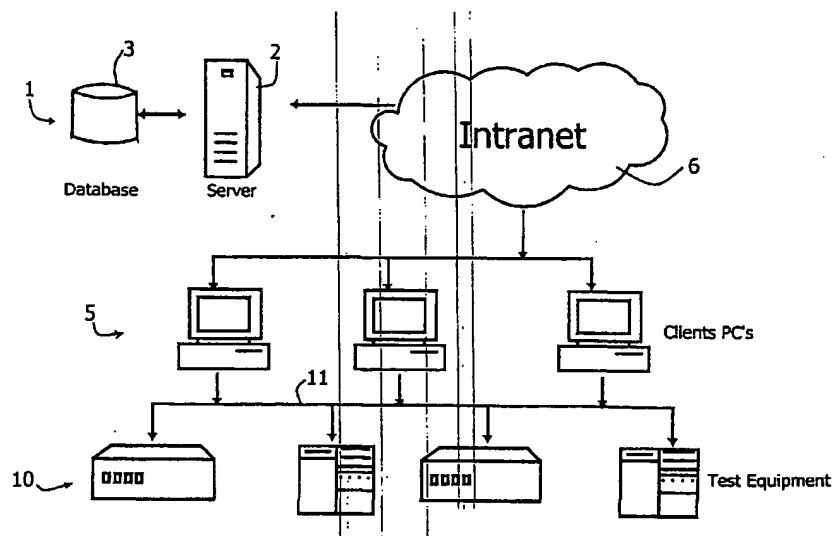
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Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
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[Continued on next page]

(54) Title: AN INFORMATION MANAGEMENT AND CONTROL SYSTEM



(57) Abstract: A system (1) has a server (2) linked with PC clients (5), in turn connected to test equipment (10). A design-of-experiment (DOE) engine (20) generates a series of run objects (21), each defining a variation of an equipment run. The inputs to the DOE engine (20) are a selected procedure object (25) and experiment variations. The engine (20) automatically determines all task objects (26), resource objects (27), and parameter configuration objects (28) linked with the selected procedure object (25). The variations may be variations in the hierarchical links and/or different values for the parameter configurations (28). There is a run object (21) associated with each variation permutation.

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## INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
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## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JAMAL R: "Graphical object-oriented programming with LabVIEW" NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH, SECTION - A: ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT, NORTH-HOLLAND PUBLISHING COMPANY. AMSTERDAM, NL, vol. A352, no. 1, 15 December 1994 (1994-12-15), pages 438-441, XP004005789 ISSN: 0168-9002	1-12, 15-17, 19,20
Y	the whole document --- -/--	13,14,18



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Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 623 592 A (CARLSON JEFFREY D ET AL) 22 April 1997 (1997-04-22)	1-5,7-9, 11,12, 15-17, 19,20
Y	abstract	13,18
A	column 3, line 30 - line 39 column 6, line 20 - line 41 column 7, line 20 - line 45 column 8, line 55 - line 64 column 10, line 49 -column 11, line 43 figures 9A-9P column 2, line 52 - line 67	6,10,14
Y	US 5 878 262 A (NII TAKESHI ET AL) 2 March 1999 (1999-03-02)	14
A	abstract	1-13, 15-20
	column 2, line 50 -column 3, line 10	
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A	BARBER J: "LABVIEW: AN IMPLEMENTATION OF DATA FLOW PROGRAMMING IN A GRAPHICALLANGUAGE" ADVANCES IN INSTRUMENTATION AND CONTROL, INSTRUMENT SOCIETY OF AMERICA, RESEARCH TRIANGLE PARK, US, vol. 44, no. PART 3, 1989, pages 1259-1266, XP000085921 ISSN: 1054-0032 the whole document	1-20
A	US 5 301 301 A (KODOSKY JEFFREY L ET AL) 5 April 1994 (1994-04-05) abstract column 1, line 24 -column 2, line 25; figures 3,5B,7,8B	1-20

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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